Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
Data File : BN010616.D
Acq On : 28 Apr 2020 04:59
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02085

Quant Time: Apr 28 05:29:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 28 03:22:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	433370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1916570	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1263005	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	2981799	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2938740	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2627651	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	57622	6.96	ng/uL	0.00
5) Phenol-d5	6.79	99	683916	19.99	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	383589	22.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	565202	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	566711	19.64	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	293171	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	330482	20.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	642869	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	853418	23.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1853646	19.78	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	2229494	19.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	348286	19.09	ng/ul	0.00
58) Fluorene-d10	15.21	176	1634575	19.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	277810	17.84	ng/ul	0.00
71) Anthracene-d10	17.06	188	2639254	19.11	ng/ul	0.00
79) Pyrene-d10	19.36	212	3119041	18.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2651878	19.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	63439	7.24	ng/uL#	95
4) Benzaldehyde	6.74	77	454769	25.59	ng/ul	95
6) Phenol	6.81	94	707252	19.97	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	516152	18.93	ng/ul	97
10) 2-Chlorophenol	7.16	128	581702	19.60	ng/ul	97
11) 2-Methylphenol	8.03	108	547252	19.52	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.12	45	344796	19.88	ng/ul	100
14) Acetophenone	8.40	105	904745	20.74	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	431587	20.66	ng/ul	98
16) 4-Methylphenol	8.36	108	608846	20.30	ng/ul	98
17) Hexachloroethane	8.65	117	225006	18.28	ng/ul	94
20) Nitrobenzene	8.77	77	668357	19.38	ng/ul	97
21) Isophorone	9.29	82	1217756	19.14	ng/ul	99
23) 2-Nitrophenol	9.47	139	354921	19.94	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	677739	19.31	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.78	93	747901	19.32	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	629548	19.80	ng/ul	97
28) Naphthalene	10.39	128	1949067	18.92	ng/ul	99
30) 4-Chloroaniline	10.51	127	895609	24.38	ng/ul	98
31) Hexachlorobutadiene	10.69	225	399601	18.06	ng/ul	95
32) Caprolactam	11.29	113	187586	18.60	ng/ul	97
33) 4-Chloro-3-methylphenol	11.65	107	676355	20.30	ng/ul	100
34) 2-Methylnaphthalene	12.01	142	1476861	20.29	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	1363141	18.71	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	806566	19.15	ng/ul	95
38) Hexachlorocyclopentadiene	12.37	237	272452	13.30	ng/ul	99
39) 2,4,6-Trichlorophenol	12.64	196	531868	19.49	ng/ul	98
40) 2,4,5-Trichlorophenol	12.71	196	576719	19.65	ng/ul	98
41) 1,1'-Biphenyl	13.04	154	1923160	19.83	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	1517108	19.35	ng/ul	100
43) 2-Nitroaniline	13.29	65	387844	21.32	ng/ul	98
45) Dimethylphthalate	13.68	163	1837288	18.88	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	417218	20.16	ng/ul	98
48) Acenaphthylene	13.93	152	2424363	19.95	ng/ul	99
49) 3-Nitroaniline	14.12	138	413328	21.00	ng/ul	94
50) Acenaphthene	14.28	153	1613710	19.41	ng/ul	96
51) 2,4-Dinitrophenol	14.33	184	163848	16.72	ng/ul	96
53) 4-Nitrophenol	14.45	109	284131	19.24	ng/ul	98
54) Dibenzofuran	14.62	168	2343284	20.13	ng/ul	99
55) 2,4-Dinitrotoluene	14.59	165	581802	19.74	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.85	232	517280	20.17	ng/ul	95
57) Diethylphthalate	15.06	149	1833199	18.74	ng/ul	98
59) Fluorene	15.27	166	1880722	19.71	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.27	204	946851	19.40	ng/ul	97
61) 4-Nitroaniline	15.29	138	505881	22.69	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.36	198	300842	17.96	ng/ul	96
65) N-Nitrosodiphenylamine	15.49	169	1660439	19.22	ng/ul	97
66) 4-Bromophenyl-phenylether	16.16	248	592074	18.19	ng/ul	93
67) Hexachlorobenzene	16.27	284	674137	18.20	ng/ul	95
68) Atrazine	16.45	200	556120	16.30	ng/ul	97
69) Pentachlorophenol	16.62	266	413433	17.49	ng/ul	99
70) Phenanthrene	17.00	178	3100240	18.72	ng/ul	96
72) Anthracene	17.10	178	3260977	19.43	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	787486	16.65	ng/uL	99
74) Pentachlorobenzene	14.54	250	777531	16.87	ng/uL	96
75) Carbazole	17.37	167	2980627	21.62	ng/ul	99
76) Di-n-butylphthalate	17.95	149	3408458	19.62	ng/ul	99
77) Fluoranthene	19.03	202	3912012	21.74	ng/ul	98
80) Pyrene	19.39	202	4036339	19.01	ng/ul	97
81) Butylbenzylphthalate	20.32	149	1719104	18.77	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.09	252	1192369	18.83	ng/ul	99
83) Benzo(a)anthracene	21.15	228	3739894	18.35	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	2438144	18.43	ng/ul	99
85) Chrysene	21.20	228	3395977	17.72	ng/ul	98
87) Di-n-octyl phthalate	21.97	149	4178426	22.36	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	3236346	18.88	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	3235283	19.02	ng/ul	98
91) Benzo(a)pyrene	23.24	252	3110272	20.42	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.47	276	3394010	19.79	ng/ul	97
93) Dibenzo(a,h)anthracene	25.49	278	2810071	19.51	ng/ul	99
94) Benzo(g,h,i)perylene	26.13	276	2786941	19.64	ng/ul	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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